

Storm Data and Unusual Weather Phenomena - March 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
IOWA, Southwest				
(IA-Z043) MONONA, (IA-Z055) HARRISON, (IA-Z056) SHELBY, (IA-Z069) POTTAWATTAMIE, (IA-Z079) MILLS, (IA-Z080) MONTGOMERY, (IA-Z090) FREMONT, (IA-Z091) PAGE				
	03/01/07 04:00 CST	0		Blizzard
	03/03/07 13:00 CST	0		
(IA-Z079) MILLS, (IA-Z090) FREMONT, (IA-Z091) PAGE				
	03/02/07 09:00 CST	0		Winter Weather
	03/03/07 11:00 CST	0		
<p>A dangerous and powerful winter storm hit western Iowa during the early to mid morning hours of Thursday, March 1, 2007. Strong winds and scattered snow showers continued to produce blizzard or near blizzard conditions over a large part of western Iowa through Friday. Although skies cleared Friday night, substantial blowing snow continued over a large part of the area into Saturday afternoon. This storm brought heavy snow combined with very strong northwest winds to create whiteout conditions and near zero visibility. Wind gusts were frequently over 35 mph with peak gusts of 45 to 58 mph recorded Thursday and 35 to 45 mph measured on Friday. Travel became impossible and hundreds of motorists were stranded, some for many hours. Many roads and highways were closed for 48 hours, including both Interstates 29 and 80 in western Iowa. The storm was associated with an unusually deep low pressure system, which bottomed out around 979 mb over central Iowa Thursday afternoon. The storm initially developed quickly over eastern Kansas late Wednesday.</p> <p>Some of the heavier snow amounts for the 24 hours ending Friday morning included...</p> <p>Across the Omaha Area; Boystown 12.8 inches, Bennington 12.0, Valley NWS 12.0, Omaha Eppley 7.1</p> <p>Elsewhere in eastern Nebraska; Tekamah 11.2 inches, Fremont 9.5-10, Tecumseh 9.5, Syracuse 9.0, Bennett 9.0, Uehling 8.0, Springfield 7.0, Lincoln 6.6</p> <p>Over western Iowa; Harlan 16 inches, Onawa 12, Little Sioux 11.7, Underwood 11.2, Oakland 9.5-13, Glenwood 9.5, Hancock 9.2, Kennebec 8.5, Sidney 8.0, Logan 8, Shenandoah 7, Randolph 7, and Red Oak 6.</p>				
POTTAWATTAMIE COUNTY --- 0.7 S OAKLAND [41.31, -95.40], 2.2 ESE OAKLAND [41.31, -95.36]				
	03/21/07 05:12 CST	0		Hail (0.88 in)
	03/21/07 05:14 CST	0		Source: Trained Spotter
Hail up to nickel size was reported near Oakland.				
Warm advection kicked off a very narrow line of thunderstorms that turned severe after they crossed into western Iowa east of Omaha.				
MONONA COUNTY --- SOLDIER [41.98, -95.78]				
	03/21/07 17:09 CST	0		Hail (1.00 in)
	03/21/07 17:09 CST	0		Source: Trained Spotter
MILLS COUNTY --- 1.6 E GLENWOOD [41.05, -95.74]				
	03/21/07 19:15 CST	0		Hail (0.75 in)
	03/21/07 19:15 CST	0		Source: Trained Spotter
<p>A broken line of severe thunderstorms formed along a cold front that moved across eastern Nebraska and western Iowa during the late afternoon and evening hours on March 21. Temperatures climbed into the 70s to around 80 degrees in advance of the front, and dew-points rose into the upper 50s to lower 60s. This provided the necessary instability to help touch off the severe thunderstorms. The storms produced mainly nickel to quarter size hail...although a few larger stones were reported in eastern Nebraska.</p>				
HARRISON COUNTY --- 0.9 SE MAGNOLIA [41.69, -95.87]				
	03/24/07 03:55 CST	0		Hail (0.75 in)
	03/24/07 03:55 CST	0		Source: Trained Spotter
SHELBY COUNTY --- HARLAN [41.65, -95.33]				
	03/24/07 04:40 CST	0		Hail (0.75 in)
	03/24/07 04:40 CST	0		Source: Law Enforcement

An east-west line of thunderstorms developed northwest through northeast of Omaha during the early morning hours on 3/24/07. The storms formed north of a warm front that extended along the Kansas and Nebraska border.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MILLS COUNTY --- 1.6 E GLENWOOD [41.05, -95.74]				
	03/31/07 13:05 CST		0	Hail (0.75 in)
	03/31/07 13:05 CST		0	Source: Trained Spotter
POTTAWATTAMIE COUNTY --- 0.7 S OAKLAND [41.31, -95.40]				
	03/31/07 13:49 CST		0	Hail (0.75 in)
	03/31/07 13:49 CST		0	Source: Law Enforcement
HARRISON COUNTY --- 2.8 S HARD SCRATCH [41.58, -95.71]				
	03/31/07 13:50 CST		0	Hail (1.50 in)
	03/31/07 13:50 CST		0	Source: Public
MONONA COUNTY --- 1.0 W PREPARATION [41.87, -95.85]				
	03/31/07 14:00 CST		0	Hail (1.75 in)
	03/31/07 14:00 CST		0	Source: Public
MONONA COUNTY --- 1.7 NE MOORHEAD [41.95, -95.85]				
	03/31/07 14:15 CST		0	Hail (1.00 in)
	03/31/07 14:15 CST		0	Source: Public

A compact upper low pressure system tracked across eastern Nebraska and western Iowa early in the afternoon on 3/31/07. Just ahead of this system, from extreme eastern Nebraska into western Iowa, partial sunshine allowed temperatures to climb to around 70 degrees with dewpoints in the 50s, while a bit farther to the west in the Columbus and Norfolk areas, readings were in the 40s. The contrast in temperatures and dynamics from the upper low helped kick off severe thunderstorms across the area, including at least one short-lived tornado west of Herman, Nebraska.

NEBRASKA, East

GAGE COUNTY --- WYMORE [40.13, -96.67]				
	03/01/07 02:00 CST		0	Hail (0.75 in)
	03/01/07 02:00 CST		0	Source: COOP Observer
Hail up to 3/4 inch in diameter was reported by the cooperative observer in Wymore.				
A severe thunderstorm moved into southeast Nebraska ahead of a large winter storm that produced a raging blizzard over much of eastern Nebraska and western Iowa later that morning.				
(NE-Z011) KNOX, (NE-Z012) CEDAR, (NE-Z015) THURSTON, (NE-Z017) PIERCE, (NE-Z018) WAYNE, (NE-Z034) BURT, (NE-Z044) DODGE, (NE-Z045) WASHINGTON, (NE-Z051) SAUNDERS, (NE-Z052) DOUGLAS, (NE-Z053) SARPY, (NE-Z066) LANCASTER, (NE-Z067) CASS, (NE-Z068) OTOE, (NE-Z090) JOHNSON				
	03/01/07 02:00 CST		0	Blizzard
	03/03/07 13:00 CST		0	
(NE-Z016) ANTELOPE, (NE-Z018) WAYNE, (NE-Z031) MADISON, (NE-Z032) STANTON, (NE-Z033) CUMING, (NE-Z034) BURT, (NE-Z044) DODGE, (NE-Z045) WASHINGTON, (NE-Z051) SAUNDERS, (NE-Z052) DOUGLAS, (NE-Z053) SARPY, (NE-Z066) LANCASTER, (NE-Z067) CASS, (NE-Z068) OTOE				
	03/01/07 03:00 CST		0	Winter Weather
	03/03/07 08:00 CST		0	

A dangerous and powerful winter storm hit much of eastern Nebraska and southwest Iowa during the morning and early afternoon hours of Thursday, March 1, 2007. After a lull in the wind...snow and blowing snow late Thursday...strong winds and scattered snow showers moved back across much of the region Friday bringing a return of blizzard or near blizzard conditions. Although skies cleared Friday night, substantial blowing snow continued over a large part of the area into Saturday morning. The storm closed most schools across eastern Nebraska and western Iowa both Thursday and Friday.

This storm brought heavy snow combined with very strong northwest winds to create whiteout conditions and near zero visibility. Wind gusts were frequently over 35 mph with peak gusts of 45 to 58 mph recorded Thursday and peak gusts of 40 to 45 mph measured on Friday. Travel became impossible for many stranded motorists, and many roads were closed. The storm was associated with an unusually deep low pressure system, which bottomed out around 979 mb over central Iowa Thursday afternoon. The storm initially developed quickly over eastern Kansas late Wednesday.

Some of the heavier snow amounts for the 24 hours ending Friday morning included...

Storm Data and Unusual Weather Phenomena - March 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The Omaha Area				
Boystown 12.8 inches, Bennington 12.0, Gretna 12.0, Valley NWS 12.0, 149th and Blondo 11.4, Dodge Park 11.0, Papillion 10.5, Downtown 10.0, Elkhorn 10.0, 120th and Center 9.0, Florence 8.0, Ft. Calhoun 7.7, Omaha Eppey 7.1, Offutt AFB 5-7.				
Elsewhere in Eastern Nebraska				
Tekamah 11.2 inches, Fremont 9.5-10, Tecumseh 9.5, Syracuse 9.0, Bennett 9.0, Hickman 9.0, Raymond 8.8, Uehling 8.0, Springfield 7.0, Lincoln 6.6, Malcolm 5.3.				
Western Iowa				
Harlan 16 inches, Onawa 12, Little Sioux 11.7, Underwood 11.2, Oakland 9.5-13, Glenwood 9.5, Hancock 9.2, Kennebec 8.5, Sidney 8.0, Logan 8, Shenandoah 7.				
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KNOX COUNTY --- 3.0 ESE NIOBRARA [42.73, -97.98], 5.0 E NIOBRARA [42.75, -97.93]				
	03/10/07 18:58 CST		0	Flood (due to Heavy Rain / Snow Melt)
	03/12/07 12:00 CST		0	Source: Law Enforcement

Rapid snow melt caused flooding of small streams in Knox county. Bazile Creek, near Maiden's Leap, 5 miles east of Niobrara, flooded a few county roads and Highway 12 causing their closure.

Rapid snow melt on frozen soils caused minor flooding along small streams in Knox county.

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PIERCE COUNTY --- 2.0 SE PIERCE [42.18, -97.50]				
	03/11/07 09:45 CST		0	Flood (due to Heavy Rain / Snow Melt)
	03/12/07 15:45 CST		0	Source: Law Enforcement

Snow melt on top of saturated or frozen soils caused the North Fork of the Elkhorn River to flood a park and some county roads near Pierce.

Snow melt on top of saturated or frozen soils caused the North Fork of the Elkhorn River to flood a park and some county roads near Pierce. The river near Pierce reached close to it's 12 foot flood stage.

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DODGE COUNTY --- 0.7 S FREMONT ARPT [41.44, -96.53]				
	03/21/07 16:25 CST		0	Hail (1.00 in)
	03/21/07 16:25 CST		0	Source: Public

Near Fremont Lakes area.

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SAUNDERS COUNTY --- 2.9 NW WAHOO [41.25, -96.66]				
	03/21/07 16:30 CST		0	Hail (0.88 in)
	03/21/07 16:30 CST		0	Source: Public

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WASHINGTON COUNTY --- 1.7 SE TELBASTA [41.56, -96.36]				
	03/21/07 16:55 CST		0	Hail (0.75 in)
	03/21/07 16:55 CST		0	Source: Trained Spotter

Mostly pea size but a few up to 3/4 inch.

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SAUNDERS COUNTY --- 0.9 SW WAHOO [41.21, -96.63]				
	03/21/07 17:01 CST		0	Hail (0.88 in)
	03/21/07 17:01 CST		0	Source: Public

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SEWARD COUNTY --- GARLAND [40.95, -96.98], 2.7 ESE GARLAND [40.94, -96.93]				
	03/21/07 17:10 CST		0	Hail (1.25 in)
	03/21/07 17:20 CST		0	Source: Trained Spotter

Hail up to half dollar size was reported around the Garland area.

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LANCASTER COUNTY --- 2.2 WNW MALCOLM [40.91, -96.89]				
	03/21/07 17:23 CST		0	Hail (1.50 in)
	03/21/07 17:28 CST		0	Source: Public

Hail as large as 1.5 inches in diameter lasted for around 5 minutes near Malcolm.

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SAUNDERS COUNTY --- 0.9 SE ITHACA [41.16, -96.54]				

Storm Data and Unusual Weather Phenomena - March 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	03/21/07 17:25 CST		0	Hail (3.00 in)
	03/21/07 17:29 CST		0	Source: Fire Department/Rescue

Very large hail was reported around the Ithaca area. A few stones were as large as 3 inches in diameter.

SALINE COUNTY --- 3.1 E DORCHESTER [40.65, -97.06]

03/21/07 17:50 CST	0	Hail (0.75 in)
03/21/07 17:50 CST	0	Source: Emergency Manager

SALINE COUNTY --- 3.8 SW CRETE [40.59, -97.00], 0.5 W CRETE [40.63, -96.96]

03/21/07 17:58 CST	0	Hail (1.25 in)
03/21/07 18:00 CST	0	Source: Trained Spotter

Hail up to half dollar size caused some vehicle damage near Crete.

SARPY COUNTY --- 1.4 S GRETN [41.13, -96.25]

03/21/07 18:08 CST	0	Hail (0.75 in)
03/21/07 18:08 CST	0	Source: Broadcast Media

The hail was mostly 1/2 inch in diameter, but a few stones were 3/4 of an inch in diameter. The hail was reported near the Gretna rest area on Interstate 80.

LANCASTER COUNTY --- 3.2 ENE KRAMER [40.59, -96.81]

03/21/07 18:09 CST	0	Hail (1.00 in)
03/21/07 18:09 CST	0	Source: Public

Just northeast of Crete.

DOUGLAS COUNTY --- OMAHA [41.27, -96.00]

03/21/07 18:20 CST	5K	Lightning
03/21/07 18:20 CST	0	Source: Newspaper

Lightning struck the gutter of a house causing a fire that caused about \$5,000 worth of damage before firefighters brought it under control in about 10 minutes. The fire was in southwest Omaha.

SARPY COUNTY --- SPRINGFIELD [41.08, -96.13]

03/21/07 18:32 CST	0	Hail (0.75 in)
03/21/07 18:32 CST	0	Source: Trained Spotter

CASS COUNTY --- 0.5 W ALVO [40.87, -96.39]

03/21/07 18:33 CST	0	Hail (0.75 in)
03/21/07 18:33 CST	0	Source: Trained Spotter

LANCASTER COUNTY --- 1.1 W HANLON [40.67, -96.69]

03/21/07 18:33 CST	0	Hail (0.75 in)
03/21/07 18:33 CST	0	Source: NWS Employee

Along Highway 77 south of Lincoln.

SARPY COUNTY --- 0.9 SW LA VISTA [41.14, -96.04]

03/21/07 18:40 CST	0	Hail (1.25 in)
03/21/07 18:40 CST	0	Source: Law Enforcement

Hail up to half dollar size was reported in the Papillion area.

SARPY COUNTY --- 3.6 W PAPP [41.08, -96.00]

03/21/07 18:40 CST	0	Hail (0.75 in)
03/21/07 18:40 CST	0	Source: Trained Spotter

CASS COUNTY --- PLATTS MOUTH [41.02, -95.90]

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	03/21/07 18:53 CST		0	Hail (0.75 in)
	03/21/07 18:53 CST		0	Source: Public

Hail up to 3/4 inches in diameter was reported by the public at the Bay Hills Golf Course.

LANCASTER COUNTY --- 0.5 E PANAMA [40.60, -96.51]

03/21/07 19:00 CST	0	Hail (0.75 in)
03/21/07 19:00 CST	0	Source: NWS Employee

CASS COUNTY --- 2.2 WSW UNION [40.81, -95.94]

03/21/07 19:24 CST	0	Hail (1.50 in)
03/21/07 19:24 CST	0	Source: Public

The public reported hail just under golf ball size near Union, relayed through emergency management.

JOHNSON COUNTY --- 3.0 WNW STERLING [40.49, -96.42]

03/21/07 19:25 CST	0	Hail (1.00 in)
03/21/07 19:25 CST	0	Source: Trained Spotter

Hail up to quarter size covered the ground near Sterling.

CASS COUNTY --- 1.3 WSW UNION [40.81, -95.92]

03/21/07 19:33 CST	0	Hail (0.75 in)
03/21/07 19:33 CST	0	Source: Public

OTOE COUNTY --- 0.5 W DOUGLAS [40.58, -96.38]

03/21/07 19:33 CST	0	Hail (0.75 in)
03/21/07 19:33 CST	0	Source: Public

Two separate severe storms tracked across the county at the same time, one across the northern sections and the other across the south.

OTOE COUNTY --- 3.5 N ELBERON [40.72, -95.95]

03/21/07 19:33 CST	0	Hail (1.75 in)
03/21/07 19:33 CST	0	Source: Public

Reported 3 miles northeast of Dunbar from the northern cell of 2 severe storms that tracked across the county at the same time.

GAGE COUNTY --- BEATRICE [40.27, -96.73], 1.1 W BEATRICE [40.27, -96.75]

03/21/07 19:38 CST	0	Hail (0.88 in)
03/21/07 19:43 CST	0	Source: Law Enforcement

Hail up to nickel size was reported for around 5 minutes near Beatrice.

JOHNSON COUNTY --- 0.9 SW STERLING [40.46, -96.38]

03/21/07 19:45 CST	0	Hail (0.75 in)
03/21/07 19:45 CST	0	Source: COOP Observer

NEMAHA COUNTY --- 3.0 E AUBURN [40.40, -95.77]

03/21/07 21:00 CST	0	Hail (0.75 in)
03/21/07 21:00 CST	0	Source: Public

NEMAHA COUNTY --- BROWNVILLE [40.40, -95.65]

03/21/07 21:00 CST	0	Hail (0.75 in)
03/21/07 21:00 CST	0	Source: Trained Spotter

RICHARDSON COUNTY --- 0.5 W VERDON [40.15, -95.71]

03/21/07 21:21 CST	0	Hail (0.75 in)
03/21/07 21:21 CST	0	Source: Trained Spotter

RICHARDSON COUNTY --- 1.1 W FALLS CITY [40.07, -95.62]

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	03/21/07 22:00 CST		0	Hail (0.88 in)
	03/21/07 22:00 CST		0	Source: Trained Spotter

A broken line of severe thunderstorms formed along a cold front that moved across eastern Nebraska and western Iowa during the late afternoon and evening hours on March 21. Temperatures climbed into the 70s to around 80 degrees in advance of the front, and dew-points rose into the upper 50s to lower 60s. This provided the necessary instability to help touch off the severe thunderstorms. The storms produced mainly nickel to quarter size hail...although a few larger stones were reported.

DODGE COUNTY --- 0.5 E SNYDER [41.70, -96.79]

03/24/07 01:48 CST	0	Hail (1.00 in)
03/24/07 01:48 CST	0	Source: Law Enforcement

DODGE COUNTY --- 0.5 W UEHLING [41.73, -96.51]

03/24/07 02:20 CST	0	Hail (1.00 in)
03/24/07 02:20 CST	0	Source: Trained Spotter

The hail covered the ground completely white and was accompanied by 2 inches of rain.

BURT COUNTY --- 4.6 SW CRAIG [41.73, -96.43]

03/24/07 02:50 CST	0	Hail (0.88 in)
03/24/07 02:50 CST	0	Source: Public

WASHINGTON COUNTY --- 1.5 NNE BLAIR [41.57, -96.14]

03/24/07 03:35 CST	0	Hail (0.75 in)
03/24/07 03:35 CST	0	Source: Trained Spotter

An east-west line of severe thunderstorms developed northwest through northeast of the Omaha area after midnight on March 24th. The storms formed north of a warm front that was along the Kansas and Nebraska borders.

JOHNSON COUNTY --- 4.6 NE TECUMSEH ARPT [40.47, -96.11]

03/31/07 11:05 CST	0	Hail (0.88 in)
03/31/07 11:05 CST	0	Source: Public

OTOE COUNTY --- 4.9 SSW PALMYRA [40.64, -96.43]

03/31/07 11:10 CST	0	Hail (0.88 in)
03/31/07 11:10 CST	0	Source: Public

LANCASTER COUNTY --- 0.9 SW BENNET [40.67, -96.51]

03/31/07 11:15 CST	0	Hail (0.75 in)
03/31/07 11:15 CST	0	Source: Public

LANCASTER COUNTY --- 2.6 SE BENNET [40.65, -96.47]

03/31/07 11:16 CST	0	Hail (0.75 in)
03/31/07 11:16 CST	0	Source: Amateur Radio

NEMAHA COUNTY --- 0.5 W BROCK [40.48, -95.96]

03/31/07 11:52 CST	0	Hail (0.88 in)
03/31/07 11:52 CST	0	Source: Trained Spotter

SAUNDERS COUNTY --- 1.0 W WAHOO [41.22, -96.64]

03/31/07 12:00 CST	0	Hail (0.75 in)
03/31/07 12:00 CST	0	Source: Public

OTOE COUNTY --- 7.6 N NEBRASKA CITY ARPT [40.78, -95.86]

03/31/07 12:18 CST	0	Hail (0.75 in)
03/31/07 12:18 CST	0	Source: Public

CASS COUNTY --- 0.5 W LOUISVILLE [41.00, -96.16], 1.5 SSW LOUISVILLE [40.98, -96.16]

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	03/31/07 12:20 CST		0	Hail (1.75 in)
	03/31/07 12:33 CST		0	Source: Law Enforcement
Hail up to golfball size fell around the Louisville area. The hail covered the ground white in the area.				
CASS COUNTY --- 2.1 NE COLE ARPT [40.99, -95.89]				
	03/31/07 12:35 CST		0	Hail (0.88 in)
	03/31/07 12:35 CST		0	Source: Public
CASS COUNTY --- 0.9 SW PLATTSMOUTH [41.01, -95.91]				
	03/31/07 12:50 CST		0	Hail (1.00 in)
	03/31/07 12:50 CST		0	Source: Fire Department/Rescue
Hail up to 1 inch in diameter was reported by the fire department near Plattsmouth.				
DOUGLAS COUNTY --- 7.0 W OMAHA MILLARD ARPT [41.20, -96.25]				
	03/31/07 12:52 CST		0	Hail (0.75 in)
	03/31/07 12:52 CST		0	Source: Amateur Radio
Reported near 220th and Harrison street in far southwest Douglas county.				
SARPY COUNTY --- 3.0 W BELLEVUE [41.12, -95.96], BELLEVUE [41.12, -95.90]				
	03/31/07 12:56 CST		0	Hail (0.88 in)
	03/31/07 13:07 CST		0	Source: Other Federal Agency
Hail up to nickel size was reported in and around the Bellevue area. The hail was reported by off-duty weather observers from Offutt and also amateur radio operators. One report was at 36th and Capehart.				
DOUGLAS COUNTY --- OMAHA [41.27, -96.00]				
	03/31/07 13:00 CST		40K	Lightning
	03/31/07 14:00 CST		0	Source: Newspaper
Lightning from thunderstorms that moved across the city caused at least 4 fires in the metro area. Damage to 2 of the homes was estimated at \$25,000 and \$15,000.				
WASHINGTON COUNTY --- 2.1 NNE SPIKER [41.65, -96.31]				
	03/31/07 13:30 CST		0	Hail (0.88 in)
	03/31/07 13:30 CST		0	Source: Public
THURSTON COUNTY --- 1.4 N WINNEBAGO [42.25, -96.47]				
	03/31/07 13:35 CST		0	Hail (0.75 in)
	03/31/07 13:35 CST		0	Source: Public
WASHINGTON COUNTY --- 3.0 W HERMAN [41.67, -96.56], 3.0 WNW HERMAN [41.69, -96.55]				
	03/31/07 13:35 CST		15K	Tornado (EF1, L: 1.00 mi , W: 440 yd)
	03/31/07 13:36 CST		0	Source: NWS Storm Survey
A tornado touched down 3 miles west of Herman around 235 pm CDT and tracked about 1 mile before lifting according to a NWS storm survey. The tornado's path was around 1/4 mile wide as it damaged some sheds and almost destroyed a horse barn. The tornado also snapped a few trees in the area and did some fence damage.				
THURSTON COUNTY --- 1.4 N WINNEBAGO [42.25, -96.47]				
	03/31/07 14:20 CST		0	Hail (0.75 in)
	03/31/07 14:20 CST		0	Source: Public

A compact upper low pressure system tracked across eastern Nebraska and western Iowa early in the afternoon on 3/31/07. Just ahead of this system, from extreme eastern Nebraska into western Iowa, partial sunshine allowed temperatures to climb to around 70 degrees with dewpoints in the 50s, while a bit farther to the west in the Columbus and Norfolk areas, readings were in the 40s. The contrast in temperatures and dynamics from the upper low helped kick off severe thunderstorms across the area, including at least one short-lived tornado west of Herman, Nebraska.